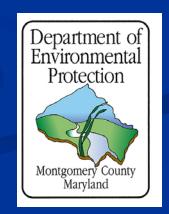
# Watershed Restoration Program and Purpose of the Forest Estates Stormwater Project









### What is the Problem?



# Montgomery County's (NPDES) Permit National Pollutant Discharge Elimination System

- Montgomery County's NPDES Permit (issued in 2010) Requires:
  - New stormwater management for 20% of existing impervious area that is currently unmanaged (~ 4,100 acres).
  - Meet goals set forth in the "Potomac River Watershed Trash Treaty"
  - Identify pollution sources and improve water quality in all county watersheds
  - Increase use of Environmental Site Design (ESD), or Low Impact Development (LID)
    - Variety of small-scale practices to capture stormwater runoff close to the source
    - Slows rate and reduces volume of runoff
    - Allows stormwater to soak into the ground, replenishing ground water
    - Filters out pollutants

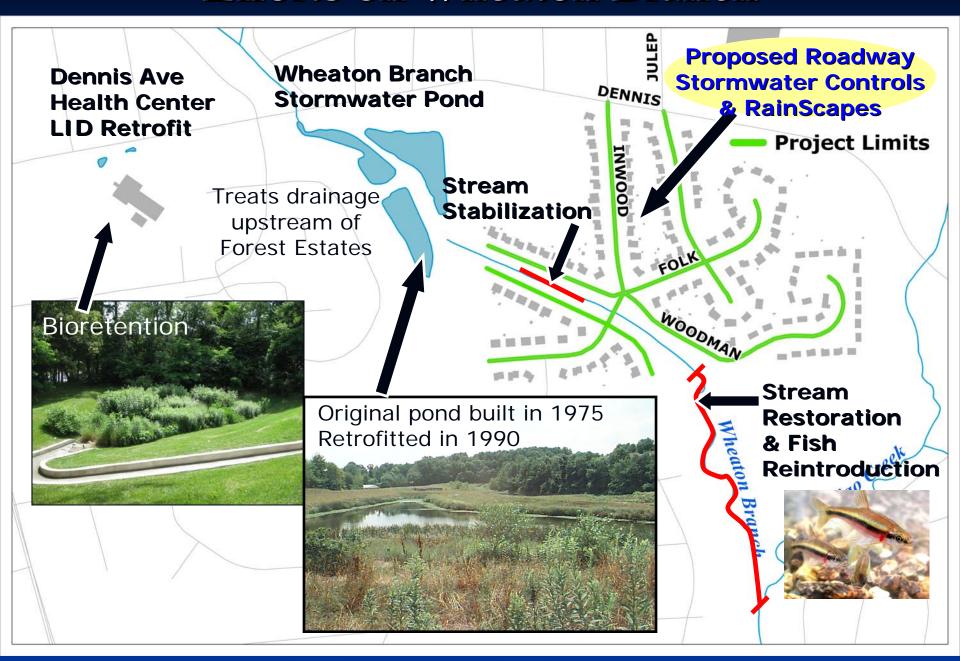






Bioretention Pervious Pavers Curb Extension

#### Efforts on Wheaton Branch



## Proposed Project Goals



It's easy being green...



Happy St Pat's Day to Ya!